

10/679,420

=> file caplus

FILE 'CAPLUS' ENTERED AT 09:50:24 ON 05 JAN 2005

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FILE COVERS 1907 - 5 Jan 2005 VOL 142 ISS 2

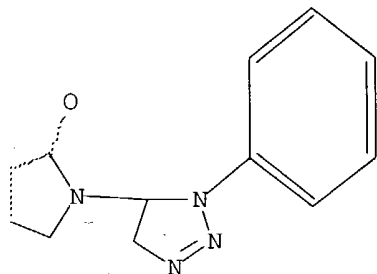
FILE LAST UPDATED: 4 Jan 2005 (20050104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que

L1

STR



Structure attributes must be viewed using STN Express query preparation.

L3 14 SEA FILE=REGISTRY SSS FUL L1

L4 4 SEA FILE=CAPLUS L3

=> d l4 1-4 ibib abs hitstr

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:353278 CAPLUS

DOCUMENT NUMBER: 136:369718

TITLE: Preparation of Δ^2 -1,2,3-triazoline anticonvulsants and their active metabolite analogues, the aminoalkylpyridines which are excitatory amino acid antagonists and antiischemic agents, useful in the treatment of cerebral ischemia resulting from stroke

INVENTOR(S): Kadaba, Pankaja K.

PATENT ASSIGNEE(S): K and K Biosciences, Inc., USA

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

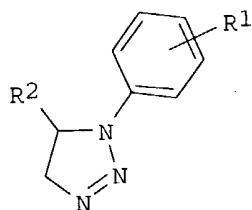
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

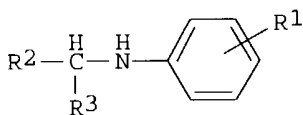
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002036119	A1	20020510	WO 2001-US42898	20011102
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002024478	A5	20020515	AU 2002-24478	20011102
US 2002111371	A1	20020815	US 2001-985318	20011102
US 6638954	B2	20031028		
EP 1343497	A1	20030917	EP 2001-992571	20011102
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2004073039	A1	20040415	US 2003-679420	20031007
PRIORITY APPLN. INFO.:			US 2000-244930P	P 20001102
			US 2001-307360P	P 20010725
			US 2001-985318	A3 20011102
			WO 2001-US42898	W 20011102

OTHER SOURCE(S): MARPAT 136:369718
GI



I



II

AB The title non-neurotoxic antiischemic compds. [I (wherein R2 = 4-pyridyl, 3-pyridyl, 2-oxo-1-pyrrolidino; R1 = 3,4- or 3,5-Cl2, p- or m-Cl, p- or m-Br, p- or m-F, p- or m-CF3, p-Me, p-MeO, H) and II (R2 = 4-pyridyl, 3-pyridyl; R3 = H, Me, Et; R1 = 3,4- or 3,5-Cl2, p- or m-Cl, p- or m-Br, p- or m-F, p- or m-CF3, p-Me, p-MeO, H)] that are highly effective by the i.p. route, and that are excitatory amino acid and NMDA/sigma receptor antagonists, were prepared. General procedures for synthesis of I and II and their biol. data were given.

IT 121318-95-4P 121318-96-5P 139871-50-4P
139871-51-5P 139871-52-6P 139871-53-7P
139895-24-2P 423178-54-5P 423178-55-6P
423178-56-7P 423178-57-8P 423179-09-3P
423179-10-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

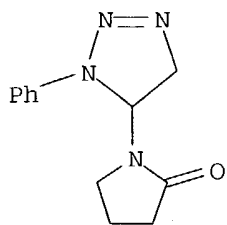
(preparation of Δ2-1,2,3-triazoline anticonvulsants and aminoalkylpyridines as excitatory amino acid antagonists and antiischemic agents)

RN 121318-95-4 CAPLUS

CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl)- (9CI)

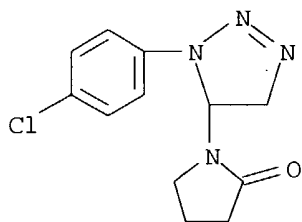
10/679,420

(CA INDEX NAME)



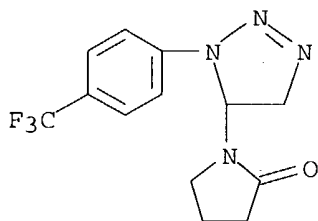
RN 121318-96-5 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



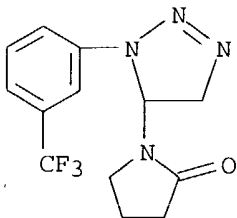
RN 139871-50-4 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[4-(trifluoromethyl)phenyl]-1H-1,2,3-
triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-51-5 CAPLUS

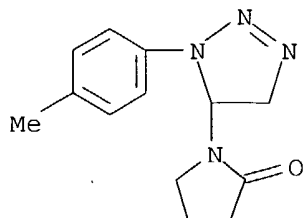
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[3-(trifluoromethyl)phenyl]-1H-1,2,3-
triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-52-6 CAPLUS

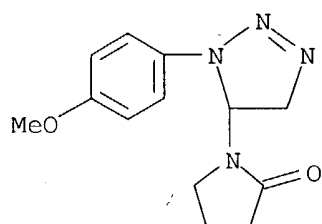
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methylphenyl)-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)

10/679,420



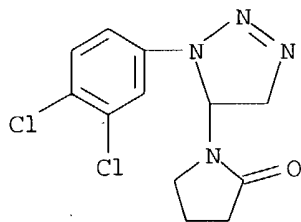
RN 139871-53-7 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methoxyphenyl)-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



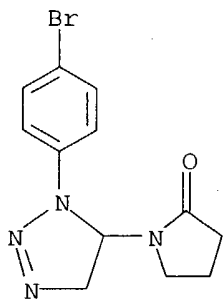
RN 139895-24-2 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(3,4-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 423178-54-5 CAPLUS

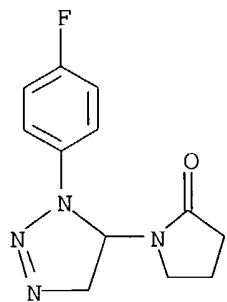
CN 2-Pyrrolidinone, 1-[1-(4-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



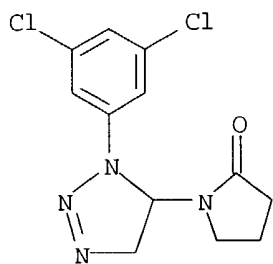
RN 423178-55-6 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(4-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)

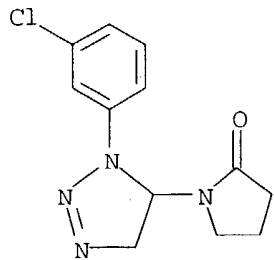
10/679,420



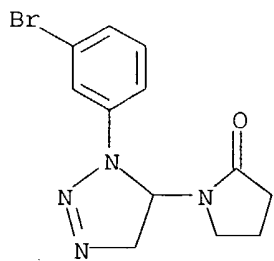
RN 423178-56-7 CAPLUS
CN 2-Pyrrolidinone, 1-[1-(3,5-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



RN 423178-57-8 CAPLUS
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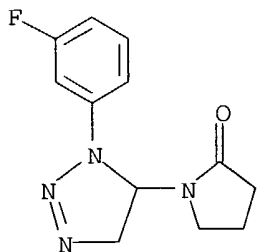


RN 423179-09-3 CAPLUS
CN 2-Pyrrolidinone, 1-[1-(3-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



10/679,420

RN 423179-10-6 CAPLUS
CN 2-Pyrrolidinone, 1-[1-(3-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:475836 CAPLUS

DOCUMENT NUMBER: 125:185575

TITLE: Triazolines 26: 1-aryl-5-amido-1,2,3-triazolines, a
new group of triazoline anticonvulsants. Effect of
5-substitution on anticonvulsant activity

AUTHOR(S): Kadaba, P. K.

CORPORATE SOURCE: College of Pharmacy, University of Kentucky,
Lexington, KY, 40536-0082, USA

SOURCE: Biomedicine & Pharmacotherapy (1996), 50(3/4), 163-169
CODEN: BIPHEX; ISSN: 0753-3322

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Studies in the authors labs. have led to the discovery of the
Δ2-1,2,3-triazolines as a unique family of anticonvulsant agents
hitherto unknown. The anticonvulsant activity of 1,5-diaryl- and
1-aryl-5-pyridyltriazolines was previously reported; this paper describes
the evaluation of two series of 1-aryl-5-amido-1,2,3-triazolines, A and B,
where the 5-amido groups are (2-oxo-1-pyrrolidino)- and
(N-methyl-N-acetamido)-, resp. The 1-aryl-5-(2-oxo-1-pyrrolidino)-1,2,3-
triazolines of the A series, which are uniquely substituted with the
pyrrolidinone lactam ring, a cyclic γ-aminobutyric acid (GABA)
structure, seem to function by enhancing inhibitory GABAergic mechanisms.
Radioligand binding studies for the two most active triazolines, indicate
that both compds. strongly inhibit the specific binding of [3H]GABA to
GABAB receptor sites. The anticonvulsant activity among the various
groups of triazolines studied so far appears to be dependent on the
5-substituent groups: 4-pyridyl- >> 2-oxo-1-pyrrolidino- >
N-methyl-N-acetamido- > 3-pyridyl ≥ aryl .apprx. 2-pyridyl >
2-quinolyl.

IT 121318-95-4 121318-96-5 139871-49-1

139871-50-4 139871-51-5 139871-52-6

139871-53-7 139895-24-2

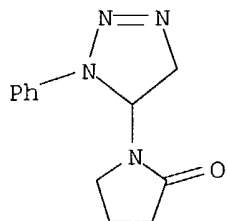
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(arylamidotriazolines as new group of anticonvulsants in relation to
structure and GABAB receptors)

RN 121318-95-4 CAPLUS

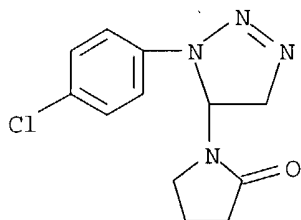
CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl)- (9CI)
(CA INDEX NAME)

10/679,420



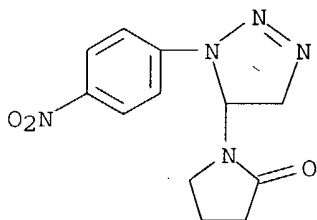
RN 121318-96-5 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



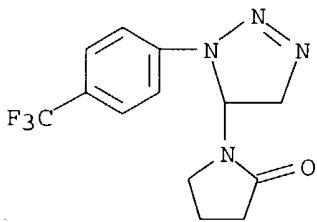
RN 139871-49-1 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-nitrophenyl)-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 139871-50-4 CAPLUS

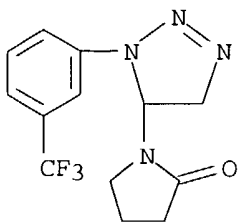
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[4-(trifluoromethyl)phenyl]-1H-1,2,3-
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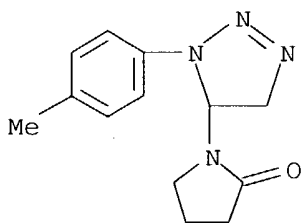
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[3-(trifluoromethyl)phenyl]-1H-1,2,3-
triazol-5-yl]- (9CI) (CA INDEX NAME)

10/679,420



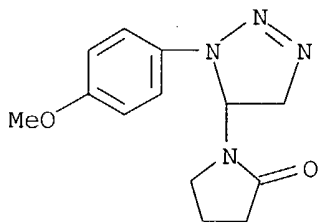
RN 139871-52-6 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methylphenyl)-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



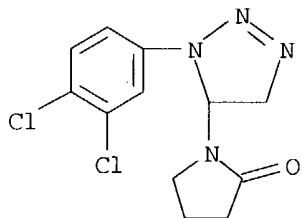
RN 139871-53-7 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methoxyphenyl)-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



RN 139895-24-2 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(3,4-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

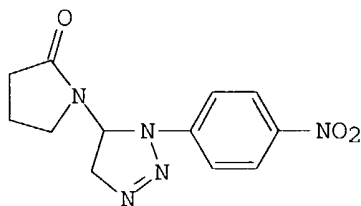
ACCESSION NUMBER: 1992:235524 CAPLUS

DOCUMENT NUMBER: 116:235524

TITLE: Triazolines. 25. 1,3-Cycloaddition of aryl azides to enamides and the synthesis of 1-aryl-5-amido-1,2,3-triazolines

10/679,420

AUTHOR(S): Kadaba, Pankaja K.
CORPORATE SOURCE: Coll. Pharm., Univ. Kentucky, Lexington, KY,
40536-0082, USA
SOURCE: Journal of Organic Chemistry (1992), 57(11), 3075-8
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 116:235524
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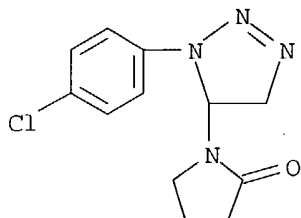


AB Aryl azides underwent 1,3-dipolar cycloaddn. with the vinylic bond of enamides, represented by the N-vinyllactam N-vinyl-2-pyrrolidinone and the open-chain enamide N-methyl-N-vinylacetamide, to yield 1-aryl-5-amido-1,2,3-triazolines, e.g. I. Mechanistically, enamides react like enamines in azide cycloaddn. reactions.

IT **121318-96-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and elimination reaction of)

RN 121318-96-5 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



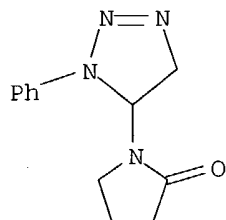
IT **121318-95-4P 139871-49-1P 139871-50-4P**
139871-51-5P 139871-52-6P 139871-53-7P
139895-24-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

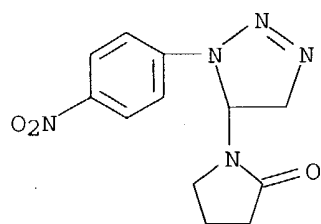
RN 121318-95-4 CAPLUS

CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl)- (9CI)
(CA INDEX NAME)

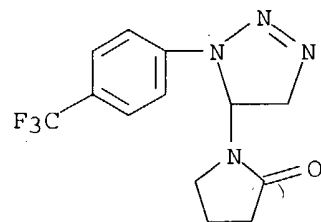
10/679,420



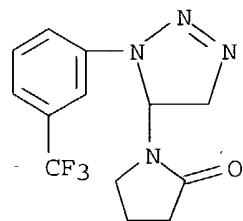
RN 139871-49-1 CAPLUS
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-nitrophenyl)-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 139871-50-4 CAPLUS
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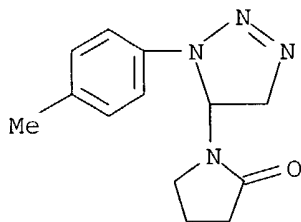


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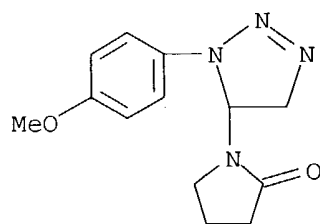


RN 139871-52-6 CAPLUS
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methylphenyl)-1H-1,2,3-triazol-5-yl]-
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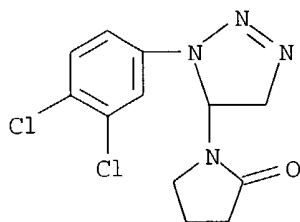
10/679,420



RN 139871-53-7 CAPLUS
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(9CI) (CA INDEX NAME)



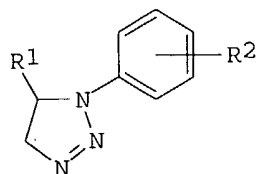
RN 139895-24-2 CAPLUS
CN 2-Pyrrolidinone, 1-[1-(3,4-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1989:417734 CAPLUS
DOCUMENT NUMBER: 111:17734
TITLE: 1-aryl-5-(2-oxo-1-pyrrolidinyl)-1,2,3-triazolines as
anticonvulsants
INVENTOR(S): Kadaba, Pankaja K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 3 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4820721	A	19890411	US 1988-180163	19880411
PRIORITY APPLN. INFO.:			US 1988-180163	19880411
OTHER SOURCE(S):			CASREACT 111:17734; MARPAT 111:17734	
GI				

10/679,420



I

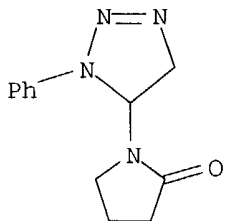
AB 1-Aryl-1,2,3-triazolines (I; R1 = 2-oxo-1-pyrrolidinyl, R2 = H, p-Cl) are anticonvulsants. The ED50 in the pentylenetetrazole seizure threshold test for I (R1 = 2-oxo-1-pyrrolidinyl, R2 = p-Cl) was 77.16 mg/kg in mice, the ED50 in the maximal electroshock test was 115.54 mg/kg and neurotoxicity (TD50) in the rotorod ataxia test was 248.75 mg/kg.

IT 121318-95-4 121318-96-5

RL: BIOL (Biological study)
(anticonvulsant)

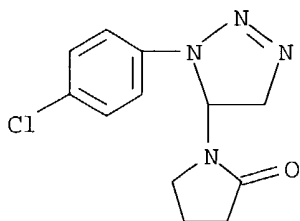
RN 121318-95-4 CAPLUS

CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl)- (9CI)
(CA INDEX NAME)



RN 121318-96-5 CAPLUS

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



=> => file uspatall

FILE 'USPATFULL' ENTERED AT 09:51:49 ON 05 JAN 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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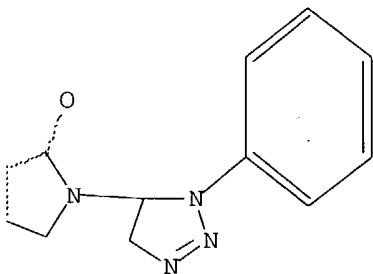
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que

L1

STR

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Structure attributes must be viewed using STN Express query preparation.

L3 14 SEA FILE=REGISTRY SSS FUL L1

L5 4 SEA L3

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L5 ANSWER 1 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2004:95583 USPATFULL

TITLE: Delta2-1,2,3-triazoline anticonvulsants and their active metabolite analogues, the aminoalkylpyridines, are excitatory amino acid antagonists and antiischemic agents, useful in the treatment of cerebral ischemia resulting from stroke

INVENTOR(S): Kadaba, Pankaja K., Chadds Ford, PA, UNITED STATES

PATENT ASSIGNEE(S): K and K Biosciences, Inc., Chadds Ford, PA (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004073039	A1	20040415
APPLICATION INFO.:	US 2003-679420	A1	20031007 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-985318, filed on 2 Nov 2001, GRANTED, Pat. No. US 6638954		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-244930P	20001102 (60)
	US 2001-307360P	20010725 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MCDERMOTT WILL & EMERY, 600 13TH STREET, N.W., WASHINGTON, DC, 20005-3096

NUMBER OF CLAIMS: 43

EXEMPLARY CLAIM: 1

LINE COUNT: 1296

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions comprise as the active ingredient, nonneurotoxic antiischemic compounds that are highly effective by the intraperitoneal route, and that are excitatory amino acid and NMDA/sigma receptor antagonists and are selected from the group consisting of those of the formulae, ##STR1##

wherein R^{sup.2} is 4-pyridyl, 3-pyridyl, or 2-oxo-1-pyrrolidino and R^{sup.1} is 3,4- or 3,5-dichloro, p- or m-chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy, or hydrogen, and those of the formulae, ##STR2##

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wherein R.sup.2 is 4-pyridyl or 3-pyridyl, R.sup.3 is hydrogen, methyl or ethyl and R.sup.1 is 3,4- or 3,5-dichloro, p- or m-chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy or hydrogen.

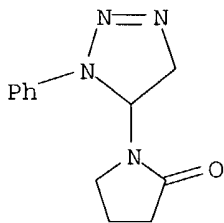
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 121318-95-4P 121318-96-5P 139871-50-4P
139871-51-5P 139871-52-6P 139871-53-7P
139895-24-2P 423178-54-5P 423178-55-6P
423178-56-7P 423178-57-8P 423179-09-3P
423179-10-6P

(preparation of Δ2-1,2,3-triazoline anticonvulsants and aminoalkylpyridines as excitatory amino acid antagonists and antiischemic agents)

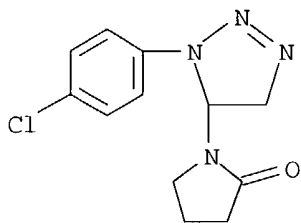
RN 121318-95-4 USPATFULL

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(CA INDEX NAME)



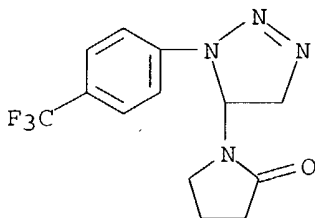
RN 121318-96-5 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-50-4 USPATFULL

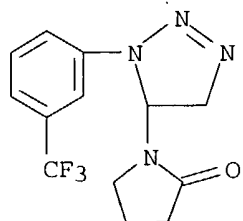
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RN 139871-51-5 USPATFULL

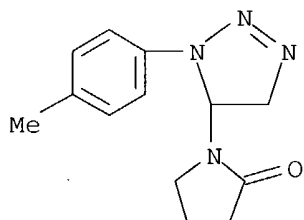
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10/679,420



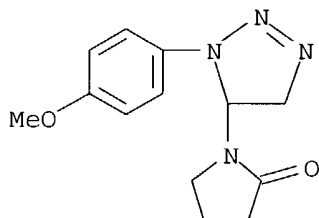
RN 139871-52-6 USPATFULL

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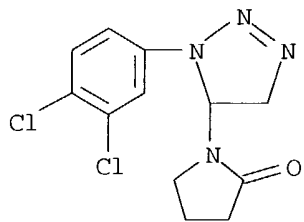
RN 139871-53-7 USPATFULL

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methoxyphenyl)-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



RN 139895-24-2 USPATFULL

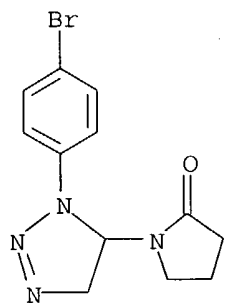
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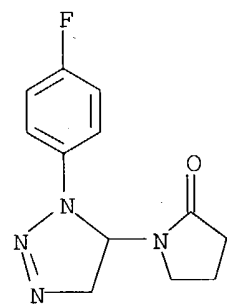
RN 423178-54-5 USPATFULL

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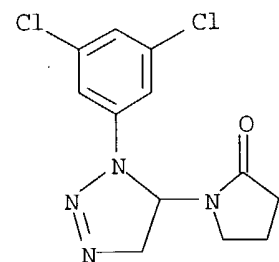
10/679,420



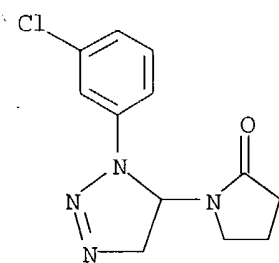
RN 423178-55-6 USPATFULL
CN 2-Pyrrolidinone, 1-[1-(4-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 423178-56-7 USPATFULL
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(9CI) (CA INDEX NAME)



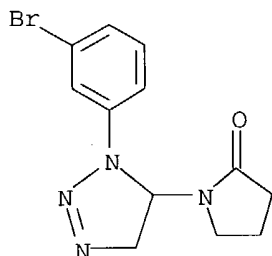
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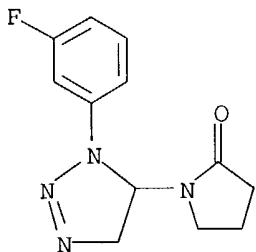
RN 423179-09-3 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(3-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 423179-10-6 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(3-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2002:206673 USPATFULL

TITLE: Delta2-1,2,3-triazoline anticonvulsants and their active metabolite analogues, the aminoalkylpyridines, are excitatory amino acid antagonists and antiischemic agents, useful in the treatment of cerebral ischemia resulting from stroke

INVENTOR(S): Kadaba, Pankaja K., Chadds Ford, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002111371	A1	20020815
	US 6638954	B2	20031028
APPLICATION INFO.:	US 2001-985318	A1	20011102 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-244930P	20001102 (60)
	US 2001-307360P	20010725 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MCDERMOTT WILL & EMERY, 600 13TH STREET, N.W.,
WASHINGTON, DC, 20005-3096

NUMBER OF CLAIMS: 43

EXEMPLARY CLAIM: 1

LINE COUNT: 1294

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions comprise as the active ingredient,

10/679,420

nonneurotoxic antiischemic compounds that are highly effective by the intraperitoneal route, and that are excitatory amino acid and NMDA/sigma receptor antagonists and are selected from the group consisting of those of the formulae, ##STR1##

wherein R.sup.2 is 4-pyridyl, 3-pyridyl, or 2-oxo-1-pyrrolidino and R.sup.1 is 3,4- or 3,5-dichloro, p- or m- chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy, or hydrogen, and those of the formulae, ##STR2##

wherein R.sub.2 is 4-pyridyl or 3-pyridyl, R.sup.3 is hydrogen, methyl or ethyl and R.sup.1 is 3,4- or 3,5-dichloro, p- or m-chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy or hydrogen.

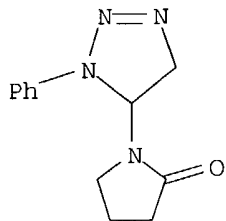
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 121318-95-4P 121318-96-5P 139871-50-4P
139871-51-5P 139871-52-6P 139871-53-7P
139895-24-2P 423178-54-5P 423178-55-6P
423178-56-7P 423178-57-8P 423179-09-3P
423179-10-6P

(preparation of Δ2-1,2,3-triazoline anticonvulsants and aminoalkylpyridines as excitatory amino acid antagonists and antiischemic agents)

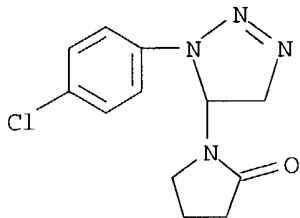
RN 121318-95-4 USPATFULL

CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl) - (9CI)
(CA INDEX NAME)



RN 121318-96-5 USPATFULL

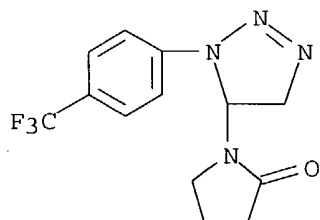
CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl] - (9CI) (CA INDEX NAME)



RN 139871-50-4 USPATFULL

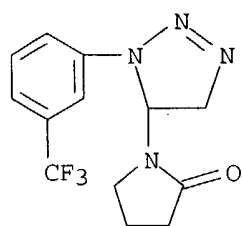
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[4-(trifluoromethyl)phenyl]-1H-1,2,3-triazol-5-yl] - (9CI) (CA INDEX NAME)

10/679,420



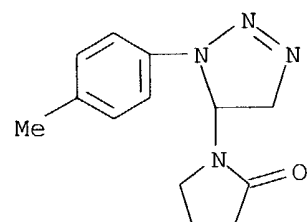
RN 139871-51-5 USPATFULL

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[3-(trifluoromethyl)phenyl]-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



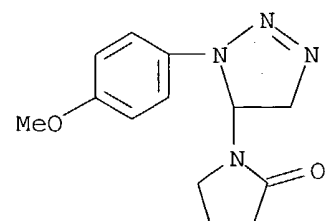
RN 139871-52-6 USPATFULL

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methylphenyl)-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-53-7 USPATFULL

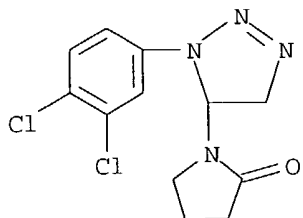
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methoxyphenyl)-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139895-24-2 USPATFULL

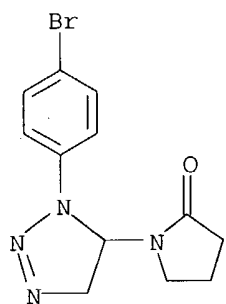
CN 2-Pyrrolidinone, 1-[1-(3,4-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)

10/679,420



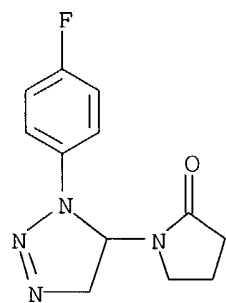
RN 423178-54-5 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(4-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



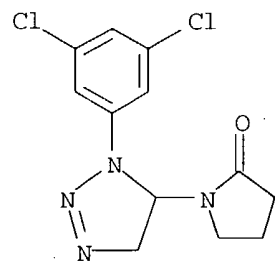
RN 423178-55-6 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(4-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
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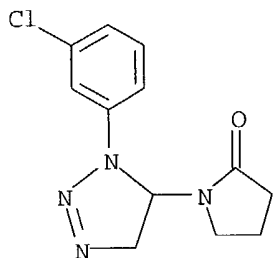
RN 423178-56-7 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(3,5-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)

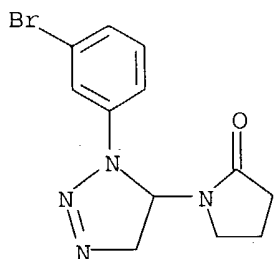


10/679,420

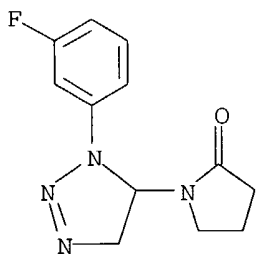
RN 423178-57-8 USPATFULL
CN 2-Pyrrolidinone, 1-[1-(3-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 423179-09-3 USPATFULL
CN 2-Pyrrolidinone, 1-[1-(3-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



RN 423179-10-6 USPATFULL
CN 2-Pyrrolidinone, 1-[1-(3-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-
(9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 4 USPATFULL on STN
ACCESSION NUMBER: 89:27923 USPATFULL
TITLE: 1-aryl-5-(2-oxo-1-pyrrolidinyl)-1,2,3-triazolines as
novel anticonvulsants
INVENTOR(S): Kadaba, Pankaja K., 3411 Brookhaven Dr., Lexington, KY,
United States 40502

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4820721		19890411
APPLICATION INFO.:	US 1988-180163		19880411 (7)
DOCUMENT TYPE:	Utility		

10/679,420

FILE SEGMENT: Granted
PRIMARY EXAMINER: Hollrah, Glennon H.
ASSISTANT EXAMINER: O'Sullivan, Peter G.
LEGAL REPRESENTATIVE: Lowe, Price, LeBlanc, Becker & Shur
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 196

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anticonvulsant compounds are of the formula: ##STR1## wherein R.sup.1 is 2-oxo-1-pyrrolidinyl, and R.sup.2 is hydrogen or p-chloro. They are prepared by the reaction of a phenyl azide with N-vinylpyrrolidinone.

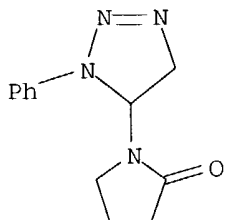
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 121318-95-4 121318-96-5

(anticonvulsant)

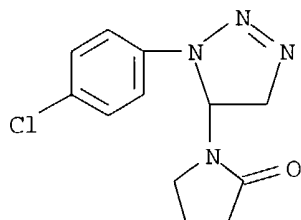
RN 121318-95-4 USPATFULL

CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl) - (9CI)
(CA INDEX NAME)



RN 121318-96-5 USPATFULL

CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl] - (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 4 USPAT2 on STN

ACCESSION NUMBER: 2002:206673 USPAT2

TITLE: Δ2-1,2,3-TRIAZOLINE ANTICONVULSANTS AND THEIR ACTIVE METABOLITE ANALOGUES, THE AMINOALKYLPYRIDINES, ARE EXCITATORY AMINO ACID ANTAGONISTS AND ANTIISCHEMIC AGENTS, USEFUL IN THE TREATMENT OF CEREBRAL ISCHEMIA RESULTING FROM STROKE

INVENTOR(S): Kadaba, Pankaja K., Chadds Ford, PA, United States

PATENT ASSIGNEE(S): K and K Biosciences, Inc., Chadds Ford, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6638954	B2	20031028
APPLICATION INFO.:	US 2001-985318		20011102 (9)

10/679,420

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307360P	20010725 (60)
	US 2000-244930P	20001102 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Morris, Patricia L.	
LEGAL REPRESENTATIVE:	McDermott, Will & Emery	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1145	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions comprise as the active ingredient, nonneurotoxic antiischemic compounds that are highly effective by the intraperitoneal route, and that are excitatory amino acid and NMDA/sigma receptor antagonists and are selected from the group consisting of those of the formulae, ##STR1##

wherein R.sup.2 is 4-pyridyl, 3-pyridyl, or 2-oxo-1-pyrrolidino and R.sup.1 is 3,4- or 3,5-dichloro, p- or m-chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy, or hydrogen, and those of the formulae, ##STR2##

wherein R.sub.2 is 4-pyridyl or 3-pyridyl, R.sup.3 is hydrogen, methyl or ethyl and R.sup.1 is 3,4- or 3,5-dichloro, p- or m-chloro, p- or m-bromo, p- or m-fluoro, p- or m-trifluoromethyl, p-methyl, p-methoxy or hydrogen.

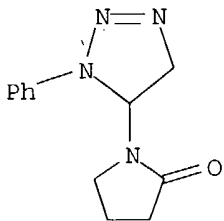
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 121318-95-4P 121318-96-5P 139871-50-4P
139871-51-5P 139871-52-6P 139871-53-7P
139895-24-2P 423178-54-5P 423178-55-6P
423178-56-7P 423178-57-8P 423179-09-3P
423179-10-6P

(preparation of Δ2-1,2,3-triazoline anticonvulsants and aminoalkylpyridines as excitatory amino acid antagonists and antiischemic agents)

RN 121318-95-4 USPAT2

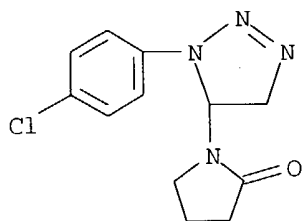
CN 2-Pyrrolidinone, 1-(4,5-dihydro-1-phenyl-1H-1,2,3-triazol-5-yl)- (9CI)
(CA INDEX NAME)



RN 121318-96-5 USPAT2

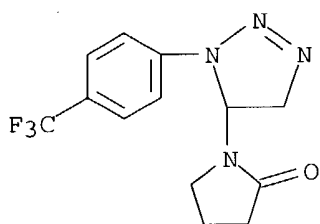
CN 2-Pyrrolidinone, 1-[1-(4-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)

10/679,420



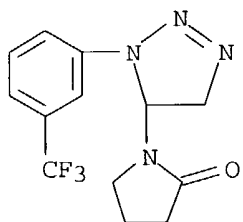
RN 139871-50-4 USPAT2

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[4-(trifluoromethyl)phenyl]-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



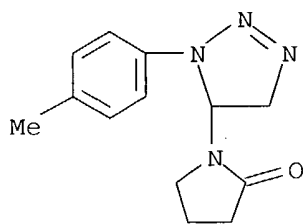
RN 139871-51-5 USPAT2

CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-[3-(trifluoromethyl)phenyl]-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-52-6 USPAT2

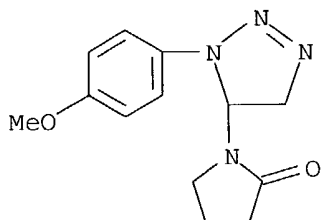
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methylphenyl)-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 139871-53-7 USPAT2

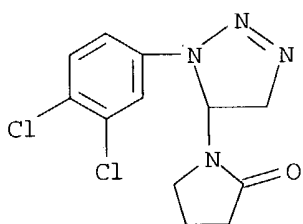
CN 2-Pyrrolidinone, 1-[4,5-dihydro-1-(4-methoxyphenyl)-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)

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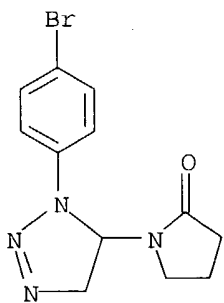
RN 139895-24-2 USPAT2

CN 2-Pyrrolidinone, 1-[1-(3,4-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



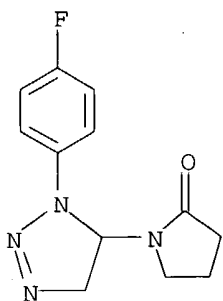
RN 423178-54-5 USPAT2

CN 2-Pyrrolidinone, 1-[1-(4-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



RN 423178-55-6 USPAT2

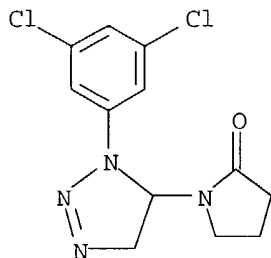
CN 2-Pyrrolidinone, 1-[1-(4-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]- (9CI) (CA INDEX NAME)



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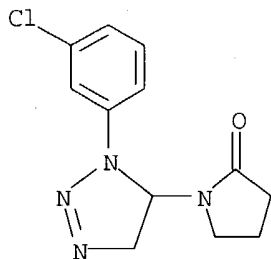
RN 423178-56-7 USPAT2

CN 2-Pyrrolidinone, 1-[1-(3,5-dichlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



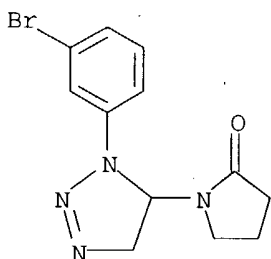
RN 423178-57-8 USPAT2

CN 2-Pyrrolidinone, 1-[1-(3-chlorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



RN 423179-09-3 USPAT2

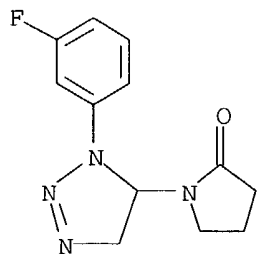
CN 2-Pyrrolidinone, 1-[1-(3-bromophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)



RN 423179-10-6 USPAT2

CN 2-Pyrrolidinone, 1-[1-(3-fluorophenyl)-4,5-dihydro-1H-1,2,3-triazol-5-yl]-(9CI) (CA INDEX NAME)

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